Index of Claims

| Application No.    | Applicant(s) |
|--------------------|--------------|
| 10/692,744         | KANO, KENJI  |
| Examiner           | Art Unit     |
| Lenard A. Footland | 3682         |

√ Rejected — (

= Allowed +

- (Through numeral)
Cancelled
+ Restricted

N Non-Elected

I Interference

A Appeal
O Objected

| Claim Date                                       |          |                                                  |               | Cla       | Claim     |          |        | [   | Date     |                                                  |          |                                                  |          | laim         | Date            |          |                     |          |              |            |          |                 |          |          |           |           |          |           |   |
|--------------------------------------------------|----------|--------------------------------------------------|---------------|-----------|-----------|----------|--------|-----|----------|--------------------------------------------------|----------|--------------------------------------------------|----------|--------------|-----------------|----------|---------------------|----------|--------------|------------|----------|-----------------|----------|----------|-----------|-----------|----------|-----------|---|
|                                                  | ıl i     |                                                  |               |           |           |          |        |     |          |                                                  | -=       |                                                  |          |              |                 |          |                     |          |              |            |          |                 |          |          |           |           | - 1      |           |   |
| ल                                                | ine      | 8                                                |               | 1         |           |          |        |     |          | Final                                            | <u>=</u> |                                                  |          |              |                 |          | 1 1                 |          | Final        | ≟          |          |                 |          | İ        |           |           | - 1      |           |   |
| Final                                            | Original | 051905                                           |               | 1         |           | 1        |        |     |          | i <u>E</u>                                       | Original |                                                  |          |              |                 | -        |                     |          | i <u>Ē</u>   | Original   |          |                 |          |          |           |           |          |           |   |
|                                                  | O        |                                                  |               |           | - 1       |          |        |     |          |                                                  | 0        |                                                  |          |              |                 | - 1      | 1 1                 |          |              |            |          |                 |          |          |           |           |          |           |   |
|                                                  | 1        | 1                                                |               | $\Box$    |           | 7        |        | 1   |          |                                                  | 51       |                                                  |          | 1            |                 |          |                     |          |              | 101        |          |                 |          |          |           |           |          |           |   |
|                                                  | 2        | $\Pi$                                            |               |           |           |          |        | i   |          |                                                  | 52       | $\Box$                                           |          |              |                 |          |                     |          |              | 102        |          |                 |          |          |           |           |          |           |   |
|                                                  | 3        | 17                                               |               |           |           | 1        |        |     |          |                                                  | 53       | П                                                | П        | 1            |                 |          |                     | 7::::    |              | 103        |          |                 |          | $\neg$   |           |           |          |           |   |
|                                                  |          | V                                                |               | $\Box$    |           | $\top$   | T      |     |          |                                                  | 54       | П                                                |          | T            | T               | 7        |                     | 7        |              | 104        | П        |                 |          | $\neg$   | $\neg$    | i         | $\neg$   | T         |   |
|                                                  | 5        |                                                  |               | $\Box$    |           | _        | _      |     |          |                                                  | 55       | Ħ                                                | t        |              |                 | 1        | 1 1                 | _        |              | 105        | П        |                 |          | 一        | $\neg$    | T         |          | T         |   |
|                                                  | 6        | П                                                |               | $\Box$    |           | ╅        | $\top$ |     |          |                                                  | 56       |                                                  | _        |              |                 |          |                     |          |              | 106        |          |                 | T        | T        | $\neg$    | $\exists$ | $\neg$   |           |   |
| П                                                | 7        | П                                                |               | $\Box$    |           | ┪        | $\top$ |     |          |                                                  | 57       |                                                  |          | 1            | $\Box$          |          |                     | 7!!!!    |              | 107        |          |                 |          | 丁        | $\exists$ |           | $\neg$   | T         |   |
|                                                  | 8        | П                                                |               |           |           | $\top$   |        | 1   |          |                                                  | 58       |                                                  |          |              | $\neg$          |          |                     |          |              | 108        |          |                 |          |          | コ         |           |          | T         |   |
| М                                                | 9        | $\Box$                                           |               | $\Box$    |           | $\top$   |        |     |          |                                                  | 59       |                                                  |          | 1            |                 | 1        |                     |          |              | 109        |          |                 | Ť        |          |           | ヿ         |          | T         |   |
|                                                  | 10       | $\vdash$                                         |               | $\Box$    |           | _        |        | 1   |          |                                                  | 60       |                                                  | T        | 1            |                 |          | 177                 | 7        |              | 110        |          |                 |          |          | $\neg$    | $\neg$    | _        |           |   |
|                                                  | 11       | $\Box$                                           | $\dashv$      |           | 7         | $\top$   |        |     |          |                                                  | 61       | $\Box$                                           | $\top$   | T            | $\Box$          | $\top$   | 11                  | $\neg$   |              | 111        |          |                 |          |          |           | $\neg$    | $\neg$   | $\neg$    |   |
| H                                                | 12       | H                                                |               | 1 1       |           | $\dashv$ | $\top$ | 1   |          |                                                  | 62       | $\Box$                                           | $\top$   |              | T               | $\neg$   | $\uparrow \uparrow$ | $\neg$   |              | 112        |          |                 | $\dashv$ | T        |           | $\neg$    | $\neg$   | $\neg$    |   |
|                                                  | 13       | П                                                | $\neg$        |           | $\exists$ | $\top$   | $\top$ | 1   |          |                                                  | 63       |                                                  |          | T            |                 | $\neg$   | $\top$              |          |              | 113        |          |                 | $\dashv$ | $\Box$   | 1         |           | $\neg$   | $\exists$ |   |
|                                                  | 14       | Н                                                |               | 1 1       | 1         | $\top$   | $\top$ | T   |          | <u> </u>                                         | 64       |                                                  | $\top$   | 1-           | $\Box$          | $\dashv$ | 11                  |          |              | 114        | П        | $\top$          | $\dashv$ | $\neg$   |           |           | 寸        | $\dashv$  |   |
|                                                  | 15       | H                                                |               | +         | $\dashv$  | $\top$   | +      | 1   |          |                                                  | 65       | $\vdash$                                         | $\neg$   | T            | $\Box$          | $\dashv$ | +                   | 7        |              | 115        | П        |                 | $\dashv$ |          |           |           | $\neg$   | 寸         |   |
|                                                  | 16       | Н                                                |               | +         |           |          | _      | 1   |          |                                                  | 66       | $\vdash$                                         | 十        | +-           | $\dashv$        | $\dashv$ | +-+                 | -        |              | 116        |          |                 | $\dashv$ | 寸        | 一         |           |          | 寸         |   |
|                                                  | 17       | H                                                | _             | +-+       | _         | $\top$   | +      | 1   |          |                                                  | 67       |                                                  | 1        | 1            | $\dashv$        | $\dashv$ | $\top$              |          |              | 117        |          |                 |          |          |           | ヿ         | $\neg$   | 寸         | _ |
| $\vdash$                                         | 18       | <del>                                     </del> |               | $\forall$ | -         | _        | -      | 1   |          |                                                  | 68       | $\vdash$                                         |          | 1            | $\exists$       | $\dashv$ | 1 1                 |          |              | 118        | П        |                 | 寸        |          |           | $\dashv$  | $\dashv$ | 一         |   |
| $\vdash \vdash \vdash$                           | 19       | H                                                | _             | -         |           | $\top$   |        | +-  |          |                                                  | 69       | 1                                                | $\dashv$ | +            |                 | 十        | 1 1                 | $\dashv$ |              | 119        |          | -               | 寸        |          |           | 1         | $\dashv$ | ┪         |   |
| $\vdash$                                         | 20       | $\vdash$                                         | +             | H         | 1         | +        | -      | +   |          | <u> </u>                                         | 70       | $\vdash$                                         | +        | <del> </del> | $\vdash$        | $\dashv$ | 1 1                 | $\neg$   |              | 120        |          | $\neg \dagger$  | 7        | Ŧ        |           | 寸         | $\dashv$ | $\dashv$  |   |
|                                                  | 21       | ┝                                                | +             | +         | -         | ╁        | +-     | +-  |          |                                                  | 71       | $\vdash$                                         | +        | †            |                 | +        | 1-1                 | $\neg$   |              | 121        |          | -               | 7        |          |           | $\dashv$  | $\dashv$ | 寸         |   |
| <del>                                     </del> | 22       | ╁                                                | $\rightarrow$ | +         | $\dashv$  | ╅        | +      | +   |          | <u> </u>                                         | 72       | H                                                | -        | 1            |                 | +        | + +                 | $\dashv$ |              | 122        | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$ | _         | $\dashv$  | $\dashv$ |           | - |
| $\vdash$                                         | 23       | H                                                | +             | $\Box$    | T         | 十        | +      | +   |          |                                                  | 73       | $\vdash$                                         | $\top$   | †            | -               | _        | 1-1                 | -        |              | 123        |          | o               | 7        |          | _         | ┪         | $\dashv$ | 7         |   |
| $\vdash$                                         | 24       | $\vdash$                                         | _             | ++        |           | $\dashv$ | +      | +   |          |                                                  | 74       | $\vdash$                                         | $\dashv$ | t            |                 | +        | ++                  |          |              | 124        |          | - t             | +        | +        |           | $\neg$    | $\dashv$ | 寸         |   |
| $\vdash$                                         | 25       | $\vdash$                                         | +             | +         | $\dashv$  | -+-      |        | +   |          |                                                  | 75       |                                                  | +        | 1            |                 | _        | +                   | -        |              | 125        | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$  | ᅥ         | $\dashv$ | ┪         | _ |
| $\vdash$                                         | 26       | $\vdash$                                         | +             | +         |           |          | -      | +   |          |                                                  | 76       | $\vdash$                                         | +        | +            | -               |          | ++                  | -        | _            | 126        | $\vdash$ | -t              | +        | $\dashv$ | $\dashv$  | _         | $\dashv$ | $\dashv$  |   |
| $\vdash$                                         | 27       | $\vdash$                                         | -             | +         | $\dashv$  | +        | +      | +   |          |                                                  | 77       | -                                                | +        | +            | $\vdash$        | $\dashv$ | +                   |          | $\vdash$     | 127        | -        |                 | 7        | $\dashv$ | 寸         | _         | _        | _         |   |
| $\vdash$                                         | 28       | Н                                                | +-            | ╁╾╁       | $\dashv$  | +        | +      | +   |          | <del></del>                                      | 78       | $\vdash$                                         | -        | $\vdash$     | H               | $\dashv$ | + +                 |          | -            | 128        | Н        | $\vdash$        | _        |          | $\dashv$  | $\dashv$  | $\dashv$ | ┪         |   |
| $\vdash$                                         | 29       | <del>├</del>                                     | $\dashv$      | +         | $\dashv$  | ╅        | +      | +   |          | <u> </u>                                         | 79       | <del>   </del>                                   | +        | +            | -               | +        | +                   |          |              | 129        | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | -         |           | $\dashv$ | $\dashv$  |   |
| $\vdash$                                         | 30       | $\vdash$                                         | -             | +         | $\dashv$  | ┿        | +      | +-  |          | <u> </u>                                         | 80       | $\vdash$                                         | +-       | ╁┈           | -               | +        | +                   |          |              | 130        | $\vdash$ |                 | $\dashv$ | $\dashv$ | ᅥ         | -         | -        | -         |   |
| $\vdash$                                         | 31       | $\vdash \vdash$                                  | -             | +         | $\dashv$  | $\dashv$ | +      | +   |          |                                                  | 81       | $\vdash$                                         | _        | +            | -               | +        | +                   |          |              | 131        |          | $\vdash$        | $\dashv$ | $\dashv$ | 一         | $\dashv$  | -+       | ┪         |   |
| <del></del>                                      | 32       | Н                                                |               | ++        | $\dashv$  | $\dashv$ | ╁      | ╅┈  |          |                                                  | 82       |                                                  | +        | +-           | -               | +        | +                   |          |              | 132        | -        | $\vdash$        | $\dashv$ | ┪        | -         |           | $\dashv$ | +         |   |
|                                                  | 33       | $\vdash$                                         |               | +-+       | -         | $\dashv$ | +      | +   |          | <u> </u>                                         | 83       | H                                                | -        | ╁            |                 |          | ╅                   |          | _            | 133        | $\vdash$ | -               | $\dashv$ | $\dashv$ | ᅥ         | ᆉ         | $\dashv$ |           | - |
| $\vdash$                                         | 34       | Н                                                | +             | +         |           | -        | +      | +   |          |                                                  | 84       | H                                                | +        | ╁┈           | $\dashv$        | $\dashv$ | +-+                 |          |              | 134        | H        | $\dashv$        | -+       | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$  | _ |
| $\vdash$                                         | 35       | $\vdash \vdash$                                  | +             | +         | $\dashv$  | +        | +      | +   |          |                                                  | 85       | $\vdash \vdash$                                  | +        | +            | $\vdash$        | $\dashv$ | ++                  | -        | -            | 135        | $\vdash$ | $\vdash$        | $\dashv$ |          | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$  |   |
| $\vdash \vdash \vdash$                           | 36       | $\vdash$                                         | +             | ++        | -+-       | +        | +      | +   |          | <b> </b> -                                       | 86       | $\vdash$                                         | +        | +            | $\vdash$        | +        | ++                  |          | _            | 136        | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ |           | $\dashv$  | +        | $\dashv$  | _ |
| <del>  </del>                                    | 37       | $\vdash$                                         | +             | + +       | $\dashv$  |          | +      | +   |          | <del> </del>                                     | 87       | $\vdash$                                         | +        | +            | $\vdash \vdash$ | $\dashv$ | ++                  | -        |              | 137        | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$  | -         | +        | ᅦ         | _ |
| ┝┈┼                                              | 38       | $\vdash$                                         | +             | ++        | $\dashv$  | +        | +      | +   |          | $\vdash$                                         | 88       | $\vdash$                                         | +        | +            | $\vdash$        |          | ++                  | -        |              | 138        | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$  | +        | +         | _ |
| <del>  </del>                                    | 39       | $\vdash$                                         | +             | ++        | $\dashv$  | +        | +-     | +   |          | <u> </u>                                         | 89       | $\vdash$                                         | +        | +            | $\vdash$        |          | ╁┼                  |          |              | 139        | $\vdash$ | -               | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$  | +        | ᅥ         | _ |
| ┝╌┤                                              | 40       | $\vdash$                                         | +             | ++        | $\dashv$  | -+       | +      | +   | <b> </b> | <del></del>                                      | 90       | $\vdash$                                         | +        | +            | $\vdash \vdash$ |          | ++                  |          |              | 140        | -        | $\vdash \vdash$ | +        | $\dashv$ | $\dashv$  | -         | -        | $\dashv$  |   |
| ├─┤                                              |          | ├─┤                                              | +             | ++        | $\dashv$  | +        | +      | +   |          | $\vdash$                                         | 91       | $\vdash$                                         | +        | +            | $\vdash$        | $\dashv$ | ++                  | -        |              | 141        | $\vdash$ | $\vdash$        | +        | $\dashv$ |           |           | +        | $\dashv$  | _ |
| $\vdash \vdash \vdash$                           | 41       | ┥                                                |               | ++        | $\dashv$  | +        | +      | +   |          | <del></del>                                      | 92       | $\vdash$                                         | +        | +-           | $\vdash$        | -        | ++                  |          |              | 142        | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$ |           |           | +        | $\dashv$  |   |
| $\vdash \vdash \vdash$                           | 43       | $\vdash$                                         | +-            | +         | +         | +        | +      | +   |          | $\vdash$                                         | 93       | $\vdash$                                         | +        | ╁            | $\vdash$        | _        | +-+                 |          |              | 142        | $\vdash$ | $\vdash \vdash$ | $\dashv$ |          |           |           | +        | -         |   |
| <del>  </del>                                    | 44       | $\vdash \vdash$                                  | +             | ╁┼        |           | +        | +      | +   |          | <del> </del>                                     | 94       | ├─┼                                              | +        | +            | $\vdash$        | +        | +-+                 |          |              | 144        | $\vdash$ | $\vdash$        | $\dashv$ |          |           |           | +        | -         | _ |
| $\vdash \vdash \vdash$                           | 45       | $\vdash \vdash$                                  | +             | ╁╾╂       | +         | +        | +      | +   |          | <del>                                     </del> | 95       | ├                                                | +        | +            | $\vdash$        | +        | ╅╾╂                 |          |              | 145        | $\vdash$ | $\dashv$        |          | $\dashv$ | $\dashv$  | $\dashv$  | +        | +         |   |
| $\vdash \vdash \vdash$                           |          | $\vdash \vdash$                                  | +             | +         | -+        | +        |        | +   |          | ├—                                               | 96       | ├─┼                                              | +        | +            | $\vdash$        | +        | ╁╾╂                 |          | -            | 145        | $\vdash$ | $\vdash$        | $\dashv$ | -        |           | $\dashv$  | +        | $\dashv$  |   |
|                                                  | 46       | $\vdash \vdash$                                  | +             | ++        | $\dashv$  | +        | +      | +   |          | $\vdash$                                         | 97       | <del>                                     </del> | +        | +            | $\vdash$        | +        | +                   |          |              | 146        | $\vdash$ | $\dashv$        | -        | -        |           | $\dashv$  | +        | $\dashv$  | - |
| $\vdash \vdash \vdash$                           | 47       | $\vdash \vdash$                                  | -             | +         | +         | -        | +      | +   |          | <del> </del>                                     | 98       | $\vdash$                                         | +        | +            | $\vdash \vdash$ | -        | ++                  |          | <u> </u>     |            | $\vdash$ | $\vdash$        | -        |          | $\dashv$  | $\dashv$  | +        | -         | _ |
| ├─┤                                              | 48       | $\vdash$                                         |               | +         | $\dashv$  | +        | - -    | +   |          | <u> </u>                                         | 98       | ├                                                | -        | +-           | $\vdash$        |          | + +                 |          | <del> </del> | 148        | $\vdash$ | $\vdash$        |          |          | $\dashv$  |           | $\dashv$ | $\dashv$  |   |
| $\vdash$                                         | 49       | $\vdash \vdash$                                  |               | ╁         | $\dashv$  | +        | +      | +-  |          | <u> </u>                                         | 100      | $\vdash$                                         | +        | +            | $\vdash$        | -        | +-+                 |          | <u> </u>     | 149<br>150 | ├-       | $\vdash \vdash$ | -        |          | $\dashv$  | -         | $\dashv$ | $\dashv$  |   |
| Щ.                                               | 50       | L                                                |               | Щ         |           | L_       | i      | _L_ | J:::::   | L                                                | 100      | ш                                                |          |              |                 |          | _11                 | :::::    | L            | 1 150      | Щ.       | Щ.              |          | _        |           |           |          |           |   |